

I Claim:

1. A deterative system for cleaning necessary areas and objects of focus for cleanliness, comprising:

a surfactant in a range of about 50 to about 80 weight percent;

5 a bleach in a range of about 0.01 to about 6 weight percent;

a vinegar in a range of about 10 to about 20 weight percent; and

water.
2. The deterative system of claim 1, wherein the surfactant is in a range of about 60 to about 75 weight percent.
- 10 3. The deterative system of claim 2, wherein the surfactant is in a range of about 70 to about 73 weight percent.
4. The deterative system of claim 1, wherein the bleach is in a range of about 0.020 to about 4 weight percent.
5. The deterative system of claim 4, wherein the bleach is in a range of about
15 0.022 to about 2 weight percent.
6. The deterative system of claim 1, wherein the vinegar is in a range of about 15 to about 18 weight percent.
7. The deterative system of claim 6, wherein the vinegar is in a range of about 16 to about 17 weight percent.

8. The deterative system of claim 1, wherein the surfactant can be selected from the group consisting of sodium octyl sulfate, sodium 2-ethyl hexyl sulfate, sodium dodecyl sulfate, sodium decyl sulfate, sodium lauryl sulfate, sodium laureth sulfate, disodium lauryl sulfosuccinate, disodium laureth sulfosuccinate,
- 5 ammonium lauryl sulfate, ammonium laureth sulfate, triethanolamine lauryl sulfate, triethanolamine laureth sulfite, monoethanolamine lauryl sulfite, monoethanolamine laureth sulfate, potassium lauryl sulfate, potassium laureth sulfate, magnesium lauryl sulfate, magnesium laureth sulfate, sodium nonyl phenol ether sulfate, sodium alpha-olefin sulfonate, ethylene glycol
- 10 monostearate, ethylene glycol distearate, and commercially available detergents..
9. The deterative system of claim 8, wherein the surfactant is a commercially available detergent.
10. The deterative system of claim 9, wherein the surfactant is a commercially
- 15 available detergent comprising surfactants, builders, foaming agents, emollients, and water.
11. The deterative system of claim 1, wherein the bleach is selected from the group consisting of chlorine, sodium hypochlorite, calcium hypochlorite, bleach liquor, lime bleach liquor, bleaching powder, chlorinated lime, chloride of lime,

- dibasic magnesium hypochlorite, lithium hypochlorite, chlorinated trisodium phosphate, hypochlorous acid, oxidized chlorides, hypobomites, chlorinated isocyanurates, halogenated hydantoin, sodium N-chlorobenzenesulfonamide, sodium N-chloro-p-toluenesulfonamide, N-chlorosuccinimide,
- 5 trichloromelamine, 1,3-dichlorotetrahydroquinazoline-2,4-dione, tetrachloroglycoluril, sodium trichlorometaphosphimate, sodium N-chloroimido-disulfonate, and N-chlorophenylbiquanidino, chlorine dioxide, hydrogen peroxide, sodium perborate, sodium tetrahydrate, sodium monohydrate, sodium carbonate peroxyhydrate, peroxymonosulfuric acid
- 10 (Caro's Acid), potassium permonosulfate, and sodium percarbonate.
12. The detergents system of claim 1, wherein the bleach is an oxygen bleach.
13. The detergents system of claim 12, wherein the bleach is sodium percarbonate.
14. The detergents system of claim 1, wherein the vinegar is selected from the
- 15 group consisting of cider vinegar, apple vinegar, white vinegar, malt vinegar, sugar vinegar, glucose vinegar, and spirit vinegar.
15. The detergents system of claim 1, wherein the vinegar is white vinegar.
16. The detergents system of claim 1, wherein the surfactant comprises two or more surfactants in combination.

17. The deterative system of claim 1, wherein the bleach comprises two or more bleaches in combination.
18. The deterative system of claim 1, wherein the vinegar comprises two or more vinegars used in combination.
- 5 19. A deterative system for cleaning necessary areas and objects of focus for cleanliness, comprising;

a commercially available detergent consisting of a surfactant, builders, foaming agents, emollients, and water in a range of about 70 to about 73 weight percent;

10 sodium percarbonate in a range of about 0.022 to about 2 weight percent;

white vinegar in a range of about 15 to about 18 weight percent; and

water.
20. The deterative system of claim 1, further comprising one or more from the group consisting of builders, enzymes, foaming agents, emollients,

15 antiredeposition agents, solvents, hydrotropes, fluorescers, foam boosters, foam controllers, sodium carbonate, sodium bicarbonate, sodium silicate, sodium sulphate, calcium chloride, and perfumes.